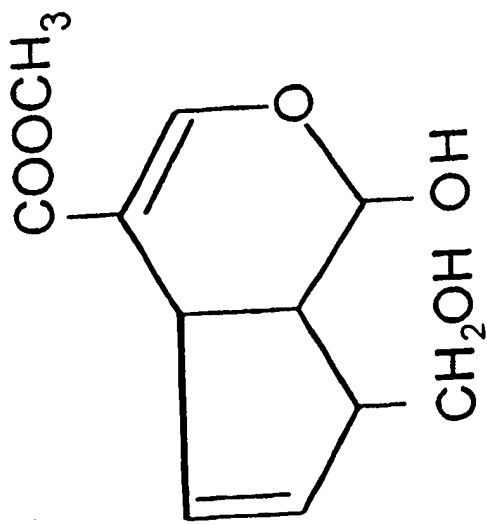


Glutaraldehyde  
(GA)



Genipin  
(GP)

FIG. 1

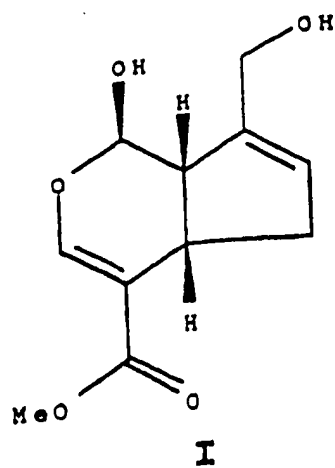


FIG. 2A

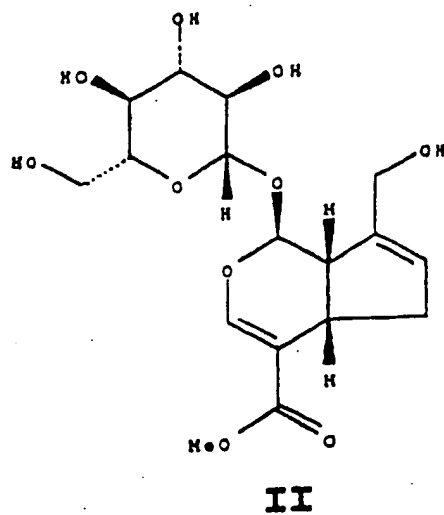


FIG. 2B

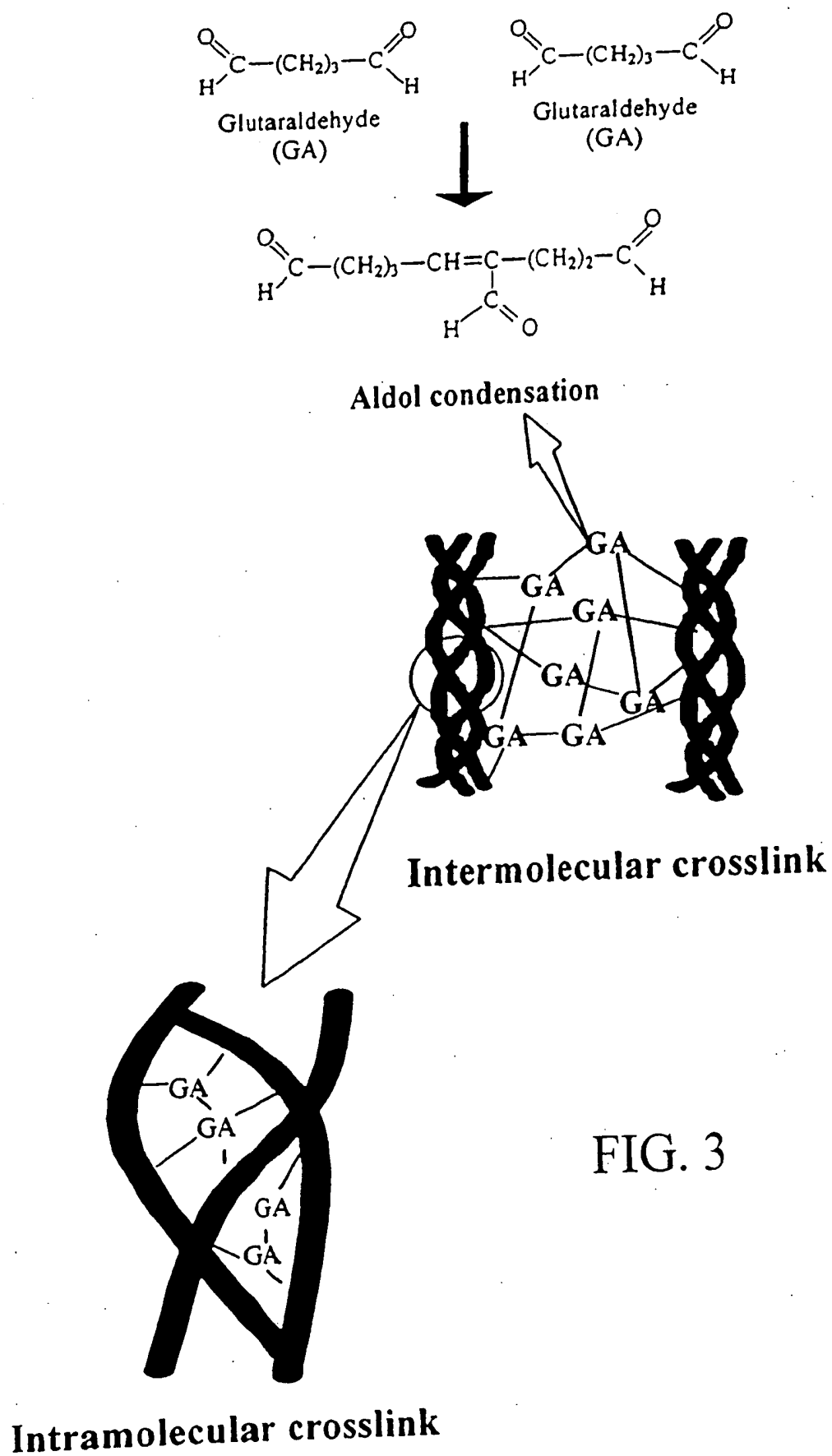


FIG. 3

(a)

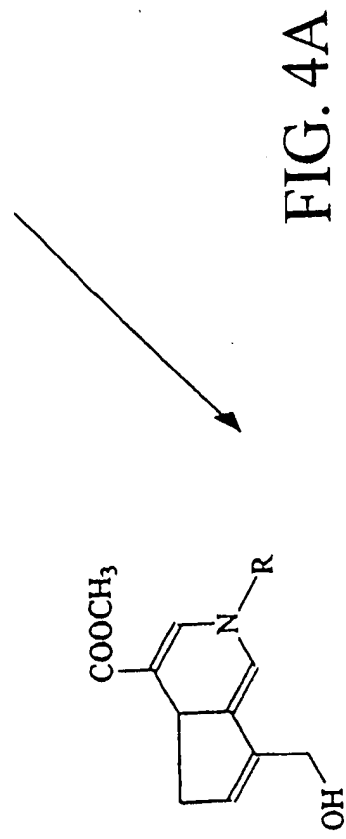
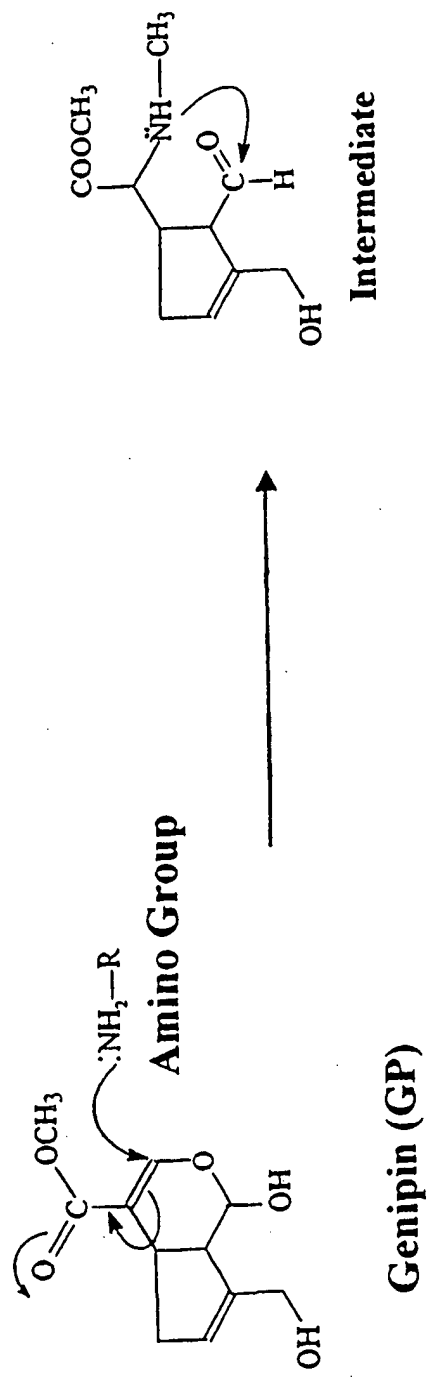


FIG. 4A

(b)

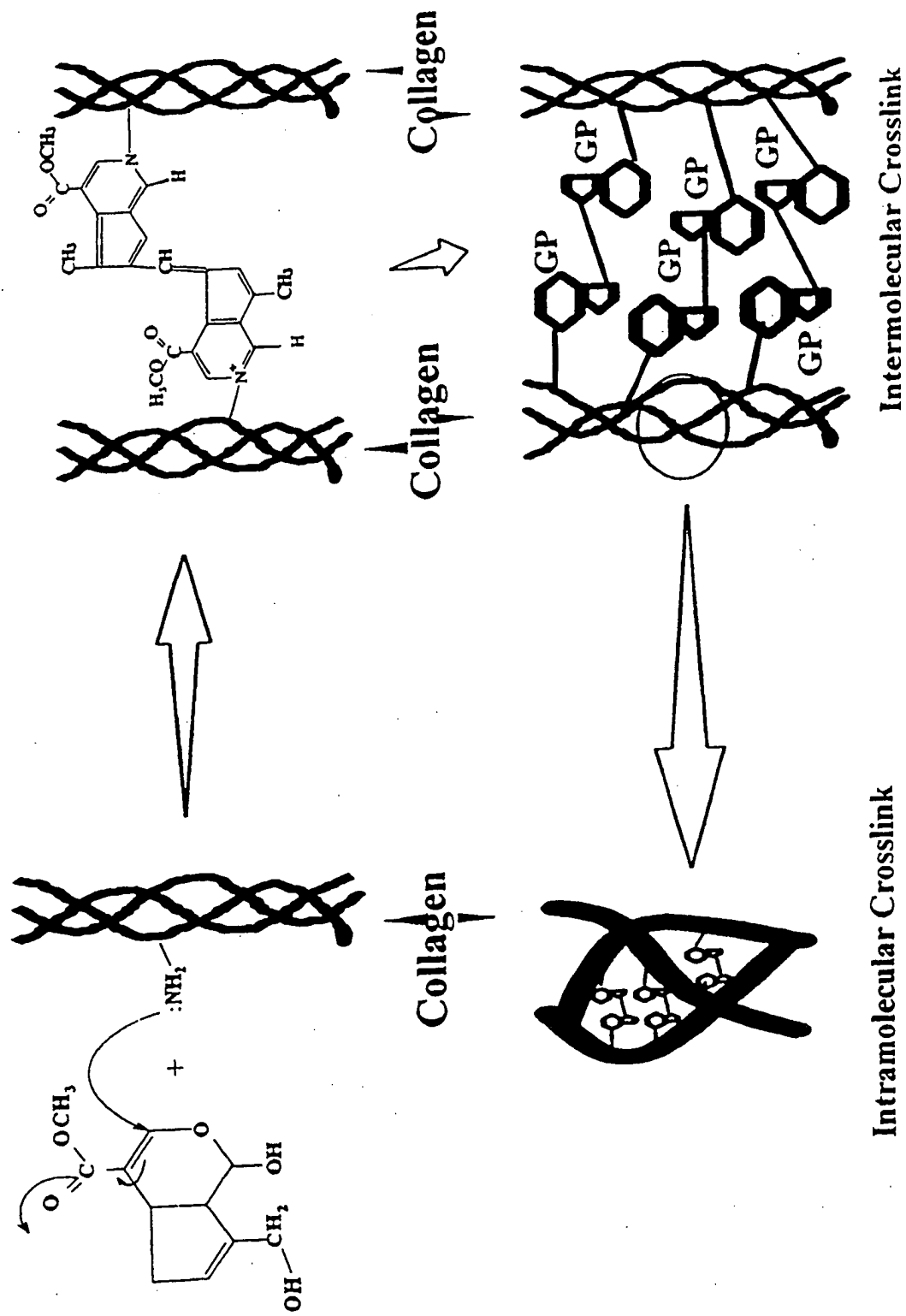


FIG. 4B

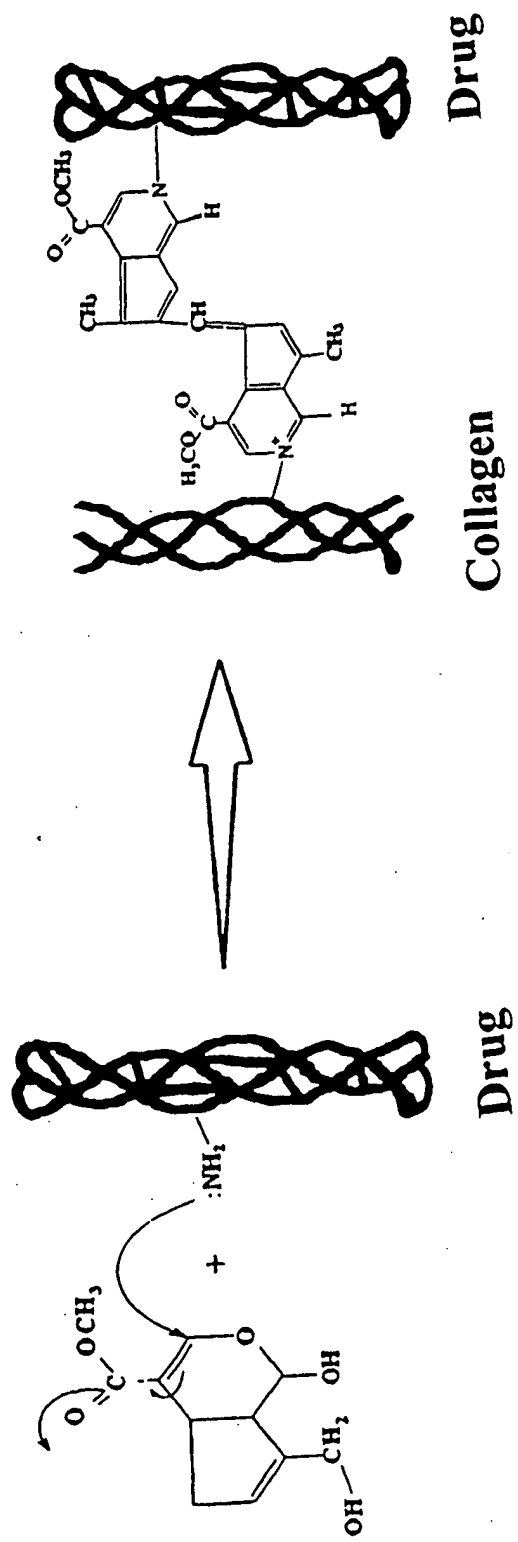


FIG. 5

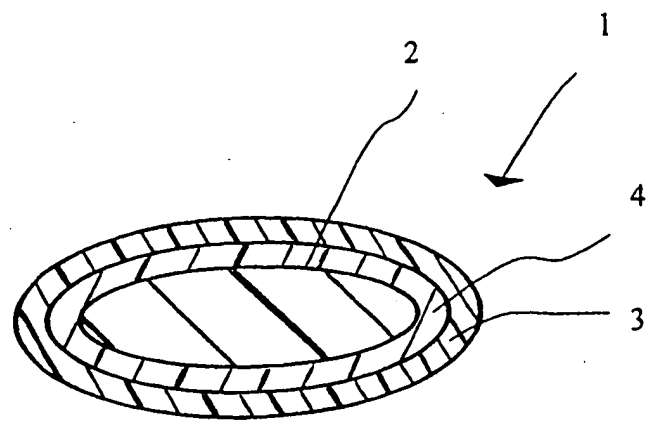


FIG. 6

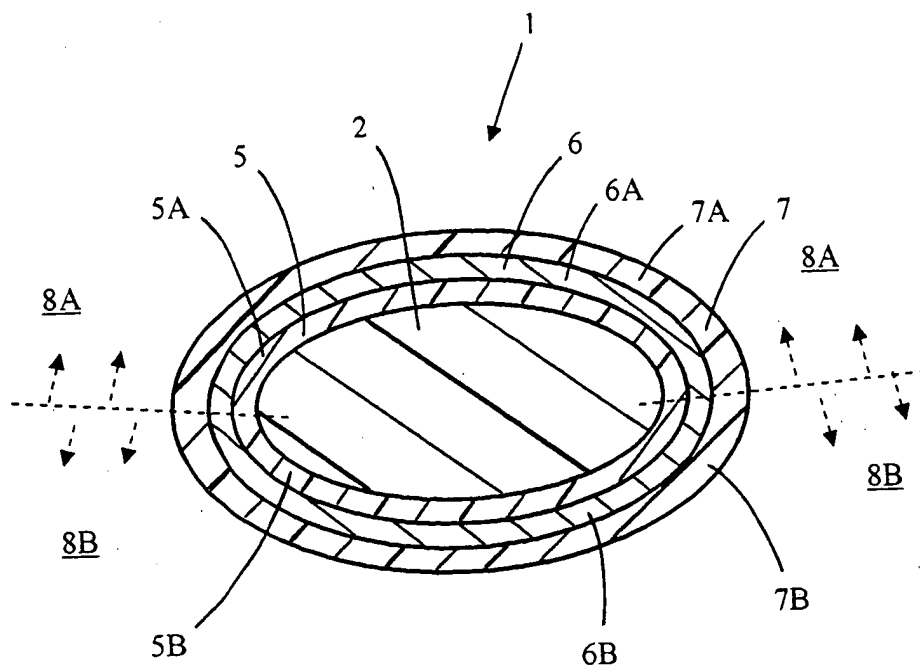


FIG. 7





FIG. 8

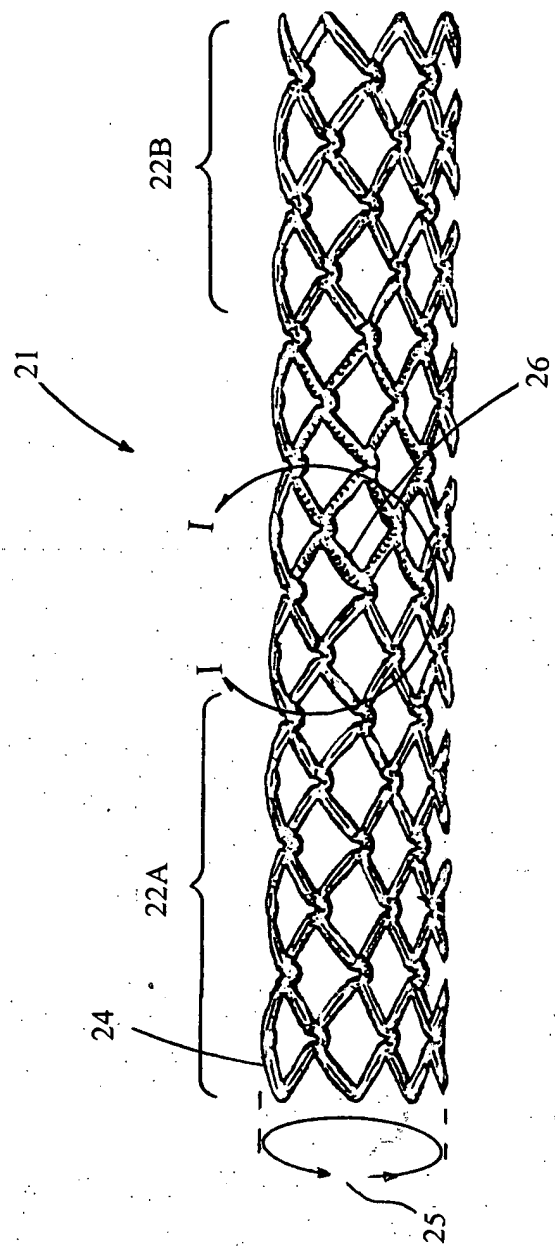


FIG. 9

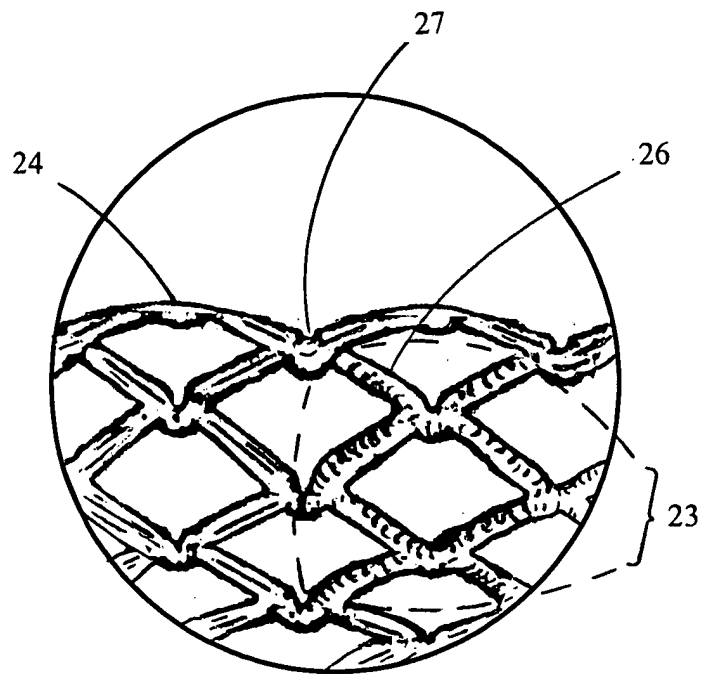


FIG. 10

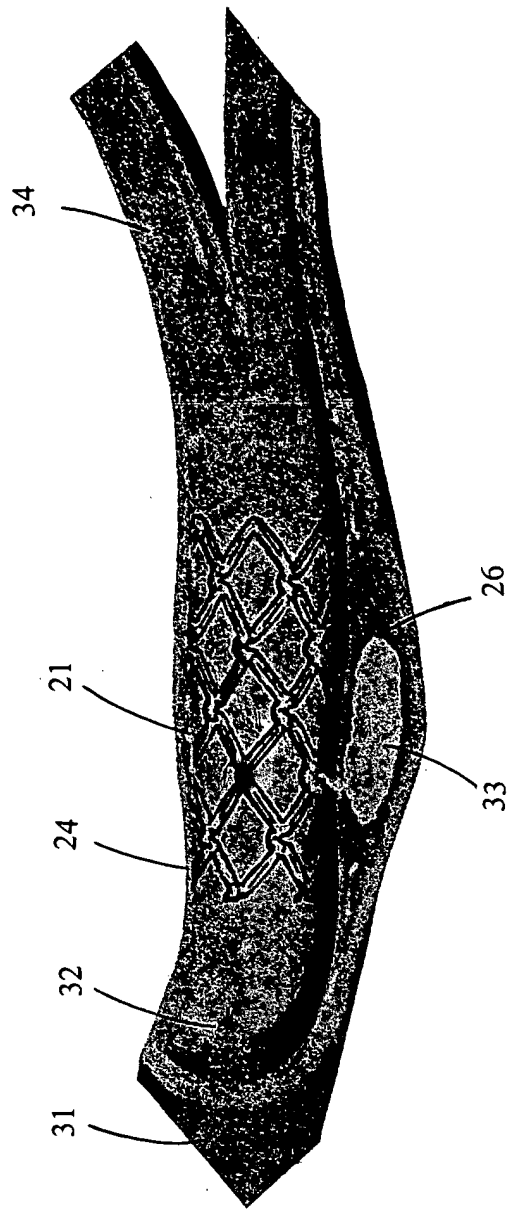


FIG. 11